

## Marshall, Vanessa

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**From:** Bill Robertson (b) (6)  
**Sent:** Thursday, June 15, 2017 5:35 PM  
**To:** Bachman, Brenda  
**Subject:** RE: Discovery Bay toxicity data

Great!

Thanks, Brenda.

I really appreciate this.

Bill

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**From:** Bachman, Brenda [mailto:[bachman.brenda@epa.gov](mailto:bachman.brenda@epa.gov)]  
**Sent:** Thursday, June 15, 2017 5:23 PM  
**To:** Bill Robertson  
**Cc:** Shephard, Burt; Anderson-Carnahan, Linda; Tom Madsen  
**Subject:** RE: Discovery Bay toxicity data

Bill,  
We have completed an internal draft report of the toxicity test results and it is under review. The shells have been prepared for analysis but we have not received analytical chemistry results yet. We plan to add that data to the report as soon as we get it. If the shell analysis is not completed expeditiously due to laboratory schedule, we will provide you with the toxicity test results as soon as the report has been reviewed internally.

Regards, Brenda

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**From:** Bill Robertson (b) (6)  
**Sent:** Thursday, June 15, 2017 1:40 PM  
**To:** Bachman, Brenda <[bachman.brenda@epa.gov](mailto:bachman.brenda@epa.gov)>  
**Cc:** Shephard, Burt <[Shephard.Burt@epa.gov](mailto:Shephard.Burt@epa.gov)>; Anderson-Carnahan, Linda <[Anderson-Carnahan.Linda@epa.gov](mailto:Anderson-Carnahan.Linda@epa.gov)>; Tom Madsen (b) (6) >  
**Subject:** Discovery Bay toxicity data

Hi Brenda

I'm wondering whether you have the preliminary data from the Discovery Bay water toxicity tests you conducted last week. According to the QAPP, the lab work should be complete by now. It would be extremely helpful to know whether they reinforce or contradict the Ramboll studies from last fall.

At this point, we're building our water treatment regime based on the idea of acid sulfate estuarine soils being continuously washed out as the Snow Creek bed continues to wash out, but if you have data to either confirm or contraindicate this, it would be incredibly helpful. Any data on the mineral deposits on the oyster shell that got sent to Manchester would help, especially if iron deposits were present.

The other possible cause we're considering would be wood chip leachate from the chips remaining embedded in the sediments, which are now being continuously exposed, again by the Snow Creek wash. That will be more difficult to treat, but if it's the case, I suspect we can fix it, at least within the nursery.

Thanks.

Bill Robertson